



Attorney Docket Number
4015-5161/P18204-US1-PUMP (Lund)

Declaration and Power of Attorney for Patent Application

As below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names,

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND APPARATUS FOR PARAMETER ESTIMATION IN A GENERALIZED RAKE RECEIVER**, the specification of which

☐ is attached hereto.

(Check one)

☐ was filed on March 12, 2004 as
Application Serial Number 10/800,167
and was amended on _____
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to us which is material to patentability (as defined in C.F.R. §1.56) in connection with the examination of this application.

We hereby claim foreign benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

<u>NONE</u> (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> YES	<input type="checkbox"/> NO

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We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

NONE

(Application Serial No.)

(Filing Date)

(Status: Patented/Pending/Abandoned)

(Application Serial No.)

(Filing Date)

(Status: Patented/Pending/Abandoned)

Power of Attorney: As a named inventor, I hereby appoint the following agents/attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Mark C. Terrano
Registration Number 40,200

John Han
Registration Number 41,403

Sidney Weatherford
Registration Number 45,602

Roger Burleigh
Registration Number 40,542

And I also hereby appoint the Attorneys and Patent Agents of **Coats & Bennett, P.L.L.C.**, as identified by **Customer Number 24112** in the records of the United States Patent and Trademark Office and as updated from time to time, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

24112

Send Correspondence to: Michael D. Murphy

Direct Calls to: Michael D. Murphy

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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SOLE OR FIRST INVENTOR:

Full name: Douglas A. Cairns
 First Name Middle Name/Initial Last Name

Signature: Douglas Allan Cairns Date: 2004-5-7
 First Name Middle Name Last Name Year-Month-Day

Residence: Durham, NC USA
 City, State, and Country

Citizenship: United States

Post Office Address: 3905 Springstop Lane, Durham, NC 27705

SECOND INVENTOR, IF ANY:

Full name: Gregory E. Bottomley
 First Name Middle Name/Initial Last Name

Signature: Gregory E. Bottomley Date: 2009-05-07
 First Name Middle Name Last Name Year-Month-Day

Residence: Cary, NC USA
 City, State, and Country

Citizenship: United States

Post Office Address: 100 Merlot Court, Cary, NC 27511

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THIRD INVENTOR, IF ANY:

Full name: Yi-Pin Eric Wang
First Name Middle Name/Initial Last Name

Signature: [Signature] [Signature] [Signature] Date: _____
First Name Middle Name Last Name Year-Month-Day

Residence: Cary, NC USA
City, State, and Country

Citizenship: Taiwan

Post Office Address: 215 Cedarpost Drive, Cary, North Carolina 27513

FOURTH INVENTOR, IF ANY:

Full name: Tracy L. Fulghum
First Name Middle Name/Initial Last Name

Signature: [Signature] [Signature] [Signature] Date: 2004-May-07
First Name Middle Name Last Name Year-Month-Day

Residence: Durham, North Carolina USA
City, State, and Country

Citizenship: United States

Post Office Address: 5913 Rustic Wood Ln., Durham, NC 27713

FIFTH INVENTOR, IF ANY:

Full name: Elias Jonsson
First Name Middle Name/Initial Last Name

Signature: _____ Date: _____
First Name Middle Name Last Name Year-Month-Day

Residence: MALMÖ, Sweden
City, State, and Country

Citizenship: Sweden

Post Office Address: Södra Promenaden 3, SE-211 29 MALMÖ, Sweden



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Registration Number 41,403

Sidney Weatherford
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Citizenship: United States

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Full name: Gregory E. Bottomley
First Name Middle Name/Initial Last Name

Signature: _____ Date: _____
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Signature: _____ Date: _____
First Name Middle Name Last Name Year-Month-Day

Residence: Cary, NC USA
City, State, and Country

Citizenship: Taiwan

Post Office Address: 215 Cedarpost Drive, Cary, North Carolina 27513

FOURTH INVENTOR, IF ANY:

Full name: Tracy L. Fulghum
First Name Middle Name/Initial Last Name

Signature: _____ Date: _____
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Post Office Address: 5913 Rustic Wood Ln., Durham, NC 27713

FIFTH INVENTOR, IF ANY:

Full name: Elias _____ Jonsson
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Signature: Elias Jonsson Date: 2004-05-28
First Name Middle Name Last Name Year-Month-Day

Residence: MALMÖ, Sweden
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